BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Estimate for Improvements to Balance Roads and Drains at Kuvempunagar 1st Stage & Surrounding Roads in Ward No. 11 Vidyaranyapura Sub Division.**

								Estimate Cost:	3000000.00
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 141 / Item No. 19.1 / PWD SR 2015-16**	Cum							
	For CC Road								
			1	144.00	4.50	0.15	97.20		
			1	90.00	6.00	0.15	81.00		
			1	95.00	6.00	0.15	85.50		
							263.70	83.16	**21929.00**
	Basic Rate	77.00							
	Area Weightage @8%	6.16							
	Total	**83.16**							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2015-16**	Cum							
			1	144.00	4.50	0.15	97.20		
			1	90.00	6.00	0.15	81.00		
			1	95.00	6.00	0.15	85.50		
							263.70	5070.60	**1337117.00**
	Basic Rate	4695.00							
	Area Weightage @ 8%	375.60							
	Total	**5070.60**							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
3	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 18 / Item No. 4.48 / PWD SR 2015-16**	Cum							
			1	144.00	4.50	0.125	81.00		
			1	90.00	6.00	0.125	67.50		
			1	95.00	6.00	0.125	71.25		
							219.75	6332.04	**1391466.00**
	Basic Rate	5863.00							
	Area Weightage @ 8%	469.04							
	Total	**6332.04**							
4	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **174 / Item No. 22.7 / PWD SR 2015-16**	Sqm							
			1	144.00	4.50		648.00		
			1	90.00	6.00		540.00		
			1	95.00	6.00		570.00		
							1758.00	97.20	**170878.00**
	Basic Rate	90.00							
	Area Weightage @ 8%	7.20							
	Total	**97.20**							
5	Providing groove cutting for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator and HOM of machinery including cost of blade coolant etc including cleaning of groove and providing sand and hot bitumne fillars, and filler metal etc., indluding cost of converyance of all materials, labours, lead and lift charges and all other incidental charges as per drawing and as per specification **Concrete Pavement Page No. 173 / Item No. 22.8.1 / PWD SR 2015-16**	Rmt							
			14	4.50			63.00		
			9	6.00			54.00		
			10	6.00			60.00		
							177.00	124.20	**21983.00**
	Basic Rate	115.00							
	Area Weightage @ 8%	9.20							
	Total	**124.20**							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
6	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. **From 0.00 to 11.90 Km** (PWD SR Rates P No 139)	Cum							
			Qty. Vide Item No. 1				**250.52**	106.34	**26639.00**
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 TX 11.90Km X 2.0/km= 30.46	30.46							
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00							
		98.46							
	Area Weightage @ 8%	7.88							
	Total	**106.34**							
7	Sub Total								**2970012.00**
8	For Third Party QC Charges @ 1%								**29700.00**
9	Miscellaneous and other Charges	L/S							**288.00**
								Total	**3000000.00**

(Rupees Thirty Lakhs Only)

TECHNICAL SANCTION
Accorded For Rs. Thirty lakhs only
Head of A/c. P-3075
Div. Ref. No. 23/15-16 Date 31/12/15

CERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2015-16.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Junior Engineer
Ward No. 11

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer 14/12/15
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

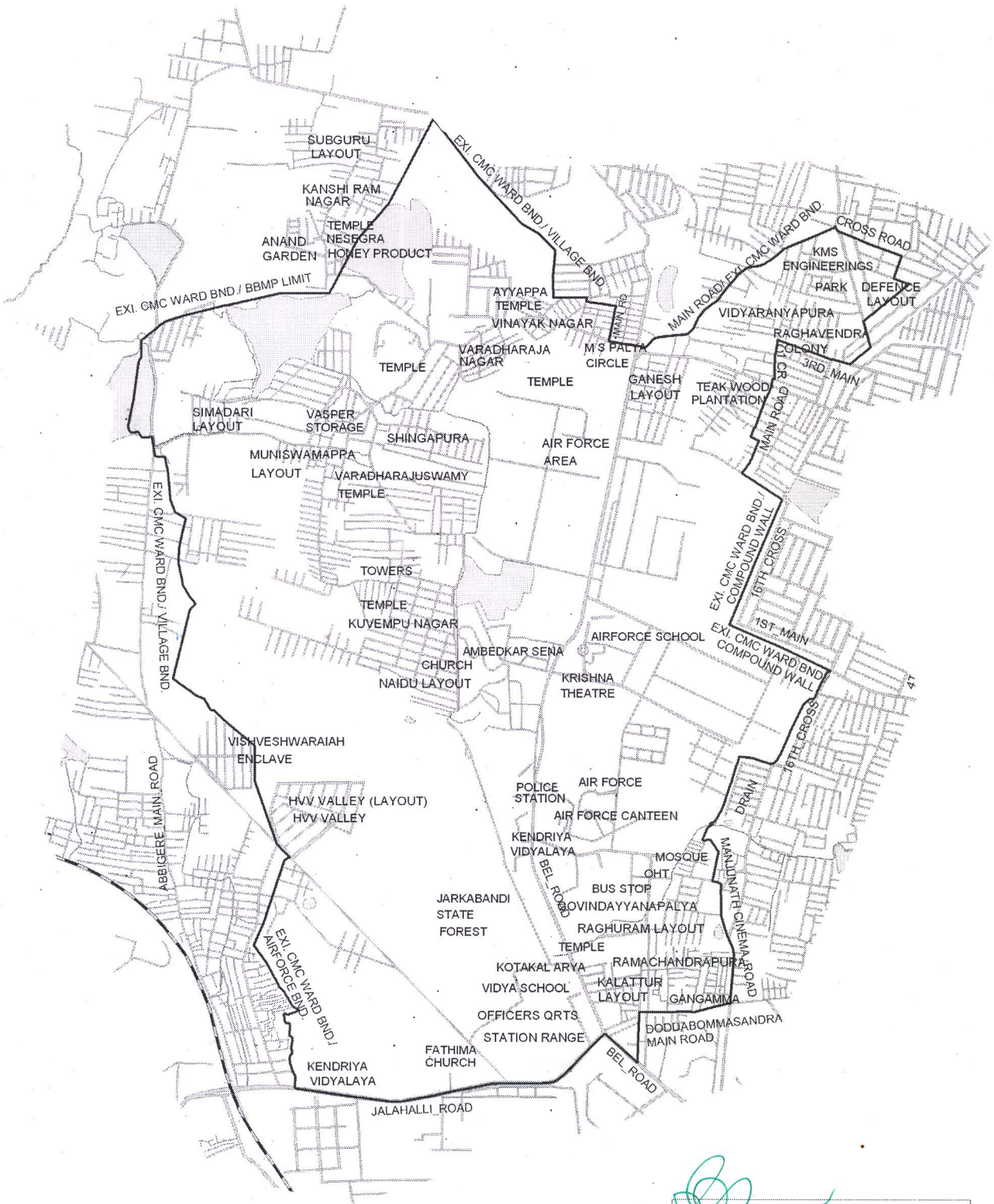
Administrative Approval
Accorded For 30.00 lakh Rs
Head of A/C P 3075
CER NO :72.A. Dt:. 14.12.15

TA CE (YNK)

Technical Sanction
Accorded For 30.00 lakh Rs
Head of A/C
CER NO Dt:.

TA CE (YNK)

152 - BYATARAYANAPURA AC
WARD NAME : 11 - KUVEMPU NAGAR



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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
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